

WHAT IS CLAIMED IS:

1. A digital camera comprising:

(a) an image capturing part for capturing an image of a subject;

(b) a detector for detecting a reflection area, in which reflection occurs, in said image; and

(c) a processor for performing a predetermined process on a first image and a second image captured by said image capturing part while changing relative positions between said subject and said digital camera, wherein

said predetermined process includes the steps of:

(c-1) setting said reflection area detected by said detector in said first image as an image portion to be replaced;

(c-2) extracting a replacing image portion which corresponds to a site of said subject appearing in said image portion to be replaced and is not detected as said reflection area by said detector in said second image; and

(c-3) replacing said image portion to be replaced in said first image with said replacing image portion extracted in said step (c-2).

2. The digital camera according to claim 1, wherein

said detector divides said image into a plurality of areas and detects said reflection area on a divided area unit basis.

3. The digital camera according to claim 1, wherein

said step (c-3) includes the step of:

dividing said first image into a plurality of areas and replacing said image portion to be replaced on the divided area unit basis.

4. The digital camera according to claim 1, wherein information of a positional deviation between a position of said subject in said first image and a position of said subject in said second image is obtained.

5. The digital camera according to claim 4, wherein said information of said positional deviation is obtained on a basis of an image portion obtained by removing said reflection area detected by said detector from said image.

6. The digital camera according to claim 1, wherein said step (c-3) includes the steps of:  
changing said image portion to be replaced so as to be adapted to said replacing image portion, thereby generating an adapted image portion; and  
replacing said image portion to be replaced in said first image with said adapted image portion.

7. A digital camera comprising:  
(a) a detector for detecting a reflection area, in which reflection occurs, in an image captured by an image capturing part; and  
(b) an image processor for generating one image by synthesizing

areas other than said reflection area in a plurality of images captured by said image capturing part while changing relative positions between a subject and said digital camera.

8. The digital camera according to claim 7, wherein said detector divides said image into a plurality of areas and detects said reflection area on the divided area unit basis.

9. The digital camera according to claim 7, wherein one image out of said plurality of images is divided into a plurality of areas, and synthesis is performed on the divided area unit basis.

10. The digital camera according to claim 7, wherein information of a positional deviation between a position of said subject in one image and a position of said subject in another image out of said plurality of images is obtained.

11. The digital camera according to claim 10, wherein said information of said positional deviation is obtained on a basis of an image portion obtained by removing said reflection area detected by said detector from said image.

12. The digital camera according to claim 7, wherein when a portion of one image and a portion of another image out

of said plurality of images are synthesized, one of portions of images is changed so as to be adapted to another of said portions of images and, after that, said portions of images are synthesized.

13. An image generating method comprising the steps of:

(a) capturing a first image and a second image of a subject while changing relative positions between a subject and a digital camera;

(b) detecting a reflection area, in which reflection occurs, in said image captured in said step (a);

(c) carrying out a first specifying process for setting, as an image portion to be replaced, said reflection area detected in said step (b) in said first image;

(d) carrying out a second specifying process of extracting a replacing image portion which corresponds to a site of said subject appearing in said image portion to be replaced and is not detected as said reflection area in said step (b) from said second image; and

(e) replacing said image portion to be replaced in said first image with said replacing image portion extracted in said step (d).

14. The image generating method according to claim 13, wherein

said step (b) includes the step of:

(b-1) dividing said image into a plurality of areas and detecting said reflection area on a divided area unit basis.

15. The image generating method according to claim 13, wherein

said step (e) includes the step of:

(e-1) dividing said first image into a plurality of areas and replacing said image portion to be replaced on a divided area unit basis.

16. The image generating method according to claim 13, further comprising the step of:

(f) obtaining information of a positional deviation between a position of said subject in said first image and a position of said subject in said second image.

17. The image generating method according to claim 16, wherein

said step (f) includes the step of:

(f-1) obtaining said information of said positional deviation on a basis of an image portion obtained by removing said reflection area detected in said step (b) from said image.

18. The image generating method according to claim 13, wherein

said step (e) includes the steps of:

(e-2) changing said replacing image portion so as to be adapted to said image portion to be replaced, thereby generating an adapted image portion; and

(e-3) replacing said image portion to be replaced in said first image with said adapted image portion.